

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	189	(198/860.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/16 17:05
S10	329	("198"/\$).CCLS. and carousel	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/09 15:14
S11	46	("198"/\$).CCLS. and carousel and bottle	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/09 16:23
S12	1	(198/400).CCLS. and carousel and bottle	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/09 15:28
S13	464	(198/400).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/09 15:28
S14	8	("3650368"   "3934716"   "4130194"   "4681209"   "5415322"   "6098781"   "6116406").PN. OR ("6557691").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/09 15:34
S15	8	("198"/\$).CCLS. and carousel and bottle and hopper	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/09 16:59
S16	568	(198/396).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/09 17:03
S17	225	(198/397.01).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/12 08:17
S18	63	(198/397.02).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/12 08:52
S19	7	("3887062"   "3948386"   "4825995"   "5400893"   "5996768"   "6098781"   "6302258").PN. OR ("6991085").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/12 08:19

## EAST Search History

S20	8	("3650368"   "3934716"   "4130194"   "4681209"   "5415322"   "6098781"   "6116406").PN. OR ("6557691").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/12 08:23
S21	619	(193/44).CCLS.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/12 08:23
S22	835	(198/443).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/12 08:53
S24	367	(198/444).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/12 08:53
S25	3	("198"/397.02 or 198/397.01 or 198/400 or 198/396).CCLS. and (phase near2 chang\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/12 10:02
S26	8	("198"/397.02 or 198/397.01 or 198/400 or 198/396).CCLS. and (shaft same (angle or angular) same phase)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/12 10:03
S27	196	(198/860.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/16 17:05
S28	466	(198/400).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/16 17:05
S29	570	(198/396).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/16 17:05
S30	225	(198/397.01).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/16 17:05
S31	64	(198/397.02).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/16 17:05
S32	621	(193/44).CCLS.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/16 17:05

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S33	838	(198/443).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/16 17:05
S34	371	(198/444).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/16 17:05
S35	113	(S27 or S28 or S29 or S30 or S31 or S32 or S33 or S34) and hopper and bottle	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/16 17:29
S36	29	(S27 or S28 or S29 or S30 or S31 or S32 or S33 or S34) and hopper and bottle and wheel and shaft	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/17 12:35
S37	196	(198/860.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/17 12:35
S38	466	(198/400).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/17 12:35
S39	570	(198/396).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/17 12:35
S40	225	(198/397.01).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/17 12:35
S41	64	(198/397.02).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/17 12:35
S42	621	(193/44).CCLS.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/17 12:35
S43	838	(198/443).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/17 12:35
S44	371	(198/444).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/17 12:35

## EAST Search History

S45	3	(S37 or S38 or S39 or S40 or S41 or S42 or S43 or S44) and hopper and bottle and wheel and shaft and cradle	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/23 21:31
S46	196	(198/860.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/23 21:31
S47	466	(198/400).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/23 21:31
S48	570	(198/396).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/23 21:31
S49	225	(198/397.01).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/23 21:31
S50	64	(198/397.02).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/23 21:31
S51	621	(193/44).CCLS.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/23 21:31
S52	838	(198/443).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/23 21:31
S53	372	(198/444).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/23 21:31
S54	1	(S46 or S47 or S48 or S49 or S50 or S51 or S52 or S53) and hopper and bottle and (groov\$3 with wheel) and shaft and cradle	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/14 19:04
S55	1	(S46 or S47 or S48 or S49 or S50 or S51 or S52 or S53) and bottle and (groov\$3 with wheel) and shaft and cradle	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/23 21:31
S56	10	(S46 or S47 or S48 or S49 or S50 or S51 or S52 or S53) and bottle and (groov\$3 with wheel) and shaft	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/23 21:34

## EAST Search History

S57	14	(S46 or S47 or S48 or S49 or S50 or S51 or S52 or S53) and bottle and ((groov\$3 or tooth\$2) with wheel) and shaft	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/23 21:36
S58	14	(S46 or S47 or S48 or S49 or S50 or S51 or S52 or S53) and bottle and ((groov\$3 or tooth\$2 or stake) with wheel) and shaft	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/23 21:36
S59	1	("198"/\$).CCLS. and hopper and bottle and (groov\$3 with wheel) and shaft and cradle	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/23 21:37
S60	68	("198"/\$).CCLS. and bottle and (groov\$3 with wheel) and shaft	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/23 21:40
S61	121	("198"/\$).CCLS. and bottle and ((groov\$3 with (wheel or roller)) same shaft)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/23 21:43
S62	62	("198"/\$).CCLS. and bottle and ((groov\$3 with (wheel or sprocket)) same shaft)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/23 21:48
S63	8	(S46 or S47 or S48 or S49 or S50 or S51 or S52 or S53) and bottle and ((groov\$3 with (wheel or sprocket)) same shaft)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/23 22:21
S64	17	(S46 or S47 or S48 or S49 or S50 or S51 or S52 or S53) and bottle and (pneumatic with cylinder)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/23 22:22
S65	198	(198/860.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/14 19:04
S66	466	(198/400).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/14 19:04
S67	571	(198/396).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/14 19:04
S68	225	(198/397.01).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/14 19:04

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S69	64	(198/397.02).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/14 19:04
S70	621	(193/44).CCLS.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 19:04
S71	840	(198/443).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/14 19:04
S72	374	(198/444).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/14 19:04
S73	3051	(S65 or S66 or S67 or S68 or S69 or S70 or S71 or S72)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/14 19:04
S74	196	(S65 or S66 or S67 or S68 or S69 or S70 or S71 or S72) and pneumatic	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/15 09:04
S75	1	(hopper and carousel and wheel and stake and pneumatic).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/15 09:08